



PANASONIC

Panasonic ABT-EOL loudspeaker line end-of-line module, 10 pcs

Product code ABT-EOL · Voice alarm systems > Loudspeakers

Loudspeaker line end-of-line module for line monitoring without separate monitoring cabling. Detects open circuits, short circuits and earth faults. Pack of 10 modules.

- Approved to EN 54-16
- Open-circuit, short-circuit and earth fault detection
- No separate monitoring cabling: powered by the amplifier
- Four power settings (A–D), load capacity 10–480 W
- Pack of 10 modules



Product description

ABT-EOL monitors the integrity of a loudspeaker line and all its branches. The module is connected in parallel with the last loudspeaker on the line. On a branched line, each branch needs its own module. The module is a selective load only for the 20 kHz pilot tone, which improves the reliability of loudspeaker monitoring based on impedance measurement.

The module detects open circuits, short circuits and earth faults. It is powered by the amplifier, so no separate monitoring cabling is needed. The module has four power settings (A–D), which are selected according to the result of the manufacturer's EOL calculator.

According to PAP's datasheet, ABT-EOL works correctly with the loudspeakers ABT-S106, ABT-S136, ABT-S186, ABT-S206, ABT-S206B, ABT-S2010, ABT-W6, ABT-W6W, ABT-W6/AB, ABT-LA30/60, MCR-SMSP20, ABT-P10 and ABT-P20. The models ABT-S106, ABT-S136 and ABT-S186 require a mounting box.

This product is a pack of 10 modules, as in Panasonic's PAVA catalogue. The single module is ABT-EOL-1.

Technical data

Product code	ABT-EOL
Manufacturer	Panasonic
Product group	Voice alarm systems > Loudspeakers
Operating mode	Selective load for the 20 kHz pilot tone (line monitoring based on impedance measurement)
Fault detection	Open circuit, short circuit, earth fault
Operating voltage	100 V loudspeaker line
Load capacity	10–480 W, four power settings (A–D)
Connection	20 cm connection leads, Phoenix 3.5 mm
Mounting	Inside the loudspeaker or in a separate mounting box
Operating temperature	–10...+55 °C

Storage temperature	-40...+70 °C
Humidity	Below 95%
Dimensions	65 × 16 × 37 mm (W × H × D)
Weight	Approx. 46 g (10 modules approx. 500 g)
EN 54 approval	EN 54-16
CPR	1438-CPR-0527 (Ambient miniVES/midiVES)
Pack size	10 pcs

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Datasheet: ABT-EOL loudspeaker line end-of-line module

Datasheet: ABT-EOL loudspeaker line end-of-line module (Ambient System)

Installation guide: ABT-EOL

Technical datasheet (series): PAVA voice alarm system

Product catalogue (series): PAVA voice alarm system

CPR certificate (series): 1438-CPR-0527, miniVES/midiVES system

Declaration of performance (DoP) (series): miniVES/midiVES system mini_midiVES-20260720

EU declaration of conformity (series): miniVES/midiVES system mini_midiVES-DCE-20230120

Request a quote or ask for more information

Sales +358 40 668 7641 · myynti@pap.fi · Mon–Fri 8 am – 4 pm (Finnish time)

Up-to-date information and documents: pap.fi/en/tuote/abt-eol/